



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT



2010 SAFE ROUTES TO SCHOOL APPLICATION

All sections must be completed (See application instructions)

Date Rec'd:
(For office use only)

APPLICANT INFORMATION
(IF OTHER THAN SPONSOR)

Organization: _____
Address: _____ Phone: _____
City: _____ State: _____ Zip: _____
Contact Person: _____ Title: _____ Phone: _____
E-mail: _____ Fax Number: _____

SPONSOR INFORMATION

Sponsoring Agency Name: Northwest Louisiana Council of Governments
(Please note, Sponsor must be a governmental agency)
Type of Sponsor: ☐ University ☐ School Board ☐ Local Government ☐ State Government
☐ Local Public Works ☒ Other Regional government agency
Is the Sponsoring Agency willing to accept liability and maintenance of the project? yes
Address: 401 Market Street, Suite 460 Phone: 318-841-5950
City: Shreveport State: LA Zip: 71101
Contact Person: Lisa M. Frazier Title: Public Involvement Coordinator
E-mail: lisa.frazier@nlcog.org Fax Number: 318-841-5952

PROJECT SUMMARY INFORMATION

Name of Project: Kids on the Move!

Brief description: Kids on the Move! seeks to teach children from pre-kindergarten through fifth grade pedestrian and bicycle safety through the use of innovative classroom materials, school-wide events, incentives, and personal achievements. Selected 5th graders will take on leadership roles in their schools as Safety Patrol members who will monitor Walking School Buses and Bicycle Squads. Through the cooperation of the Parent Teacher Organizations/Associations and neighbors, children will move safely through the neighborhoods to reach school by walking and bicycling. Encouragement provides children with a sense of accomplishment and leads to building a foundation for a healthy lifestyle. The community benefits from reduced congestion around schools and in neighborhoods and increased air quality, as well as relationships that will form during this program. An integrative, holistic approach will be used to bring awareness to every student of the impact they have on their community. Along with the main focus of pedestrian and bicycle

safety, Kids On the Move! will help children identify ways they can involve themselves in their school, neighborhood and community while reinforcing the Grade Level Expectations (GLEs) taught in elementary curriculums. (Please see the attached grade level lesson matrices after Attachment G.)

Estimated cost: \$206,917.50 Project Location (City/Parish): Bossier City, Bossier Parish

Project Location: Bossier Elementary, Bossier City, Louisiana

Project is located in: State House District No. 2 State Senate District No. 37

Project Location: Plantation Park Elementary, Bossier City, Louisiana

Project is located in: State House District No. 2 State Senate District No. 37

See <http://www.legis.state.la.us/> to obtain district numbers.

Other considerations for eligibility

1. Is this project a part of a phased project? Yes Which phase of the series? Two (on-going)

List other phases: (1) Begin SRTS program, curriculum, and activities at four elementary schools (Bellaire, Central Park, Arthur Circle, and Cherokee Park) and identify infrastructure improvements needed at each school; (2) Implement SRTS program and curriculum at additional schools in Northwest Louisiana with the identification of infrastructure improvements needed at the current schools. Education and encouragement begins in the first year of the program implementation within a school. During the second year of the program, the infrastructure improvements, along with continued education and encouragement, occur.

2. For Metropolitan Areas over 50,000 population, has the Metropolitan Planning Organization (MPO) endorsed the project? Yes (If yes, please attach the MPO letter of endorsement.)
3. Has a local resolution endorsing the project and committing to provide any maintenance requirements been issued by the city or parish and included with this application? Yes, upon award
4. Does all right-of-way necessary for the project fall within public ownership or lease? Yes
If no, can the applicant/sponsor obtain the property by Fee Simple or 25 year lease within 1 year of acceptance in the program? Not applicable
5. Will all or part of the project be constructed inside State-Maintained Highway right-of-way? Not applicable
6. Does any part of the project encroach on or cross railroad ROW? Not applicable
7. Is the Sponsor aware that the project must conform to applicable requirements of Americans with Disabilities Act (ADA) or any other state or federal laws concerning accessibility? Yes
8. Indicate below the SRTS category that your project addresses? (check all that apply)

INFRASTRUCTURE

- ☒ Sidewalk improvements
- ☒ Traffic calming and speed reduction improvements:
- ☒ Pedestrian and bicycle crossing improvements

- ☐ On-street bicycle facilities
- ☒ Off-street bicycle and pedestrian facilities
- ☒ Secure bicycle parking facilities:
- ☐ Traffic diversion improvements:
- ☐ Other: Please explain _____

NON-INFRASTRUCTURE

- ☒ Bicycle and pedestrian safety curricula, materials and trainers.
- ☒ Training, including SRTS training workshops that target school- and community-level audiences.
- ☒ Modest incentives for SRTS contests and incentives that encourage more walking and bicycling over time.
- ☒ Safety and educational tokens that also advertise the program.
- ☒ Photocopying, duplicating, and printing costs, including CDs, DVDs, etc.
- ☒ Pay for substitute teacher if needed to cover for faculty attending SRTS functions during school hours.
- ☐ Costs for additional law enforcement or equipment needed for enforcement activities.
- ☒ Equipment and training needed for establishing crossing guard programs.
- ☒ Stipends for parent or staff coordinators. (The intent is to be able to reimburse volunteers for materials and expenses needed for coordination and efforts, not to pay volunteers for their time. The maximum value of a stipend is \$2000/school year.).
- ☐ Other: Please explain _____

SCHOOL INFORMATION

School District: Bossier Parish Superintendent Name: D. C. Machen

Address: P O Box 2000

City: Benton State: Louisiana Zip: 71006

Contact Person: Keith Norwood Title: Director of Planning

Phone: 318-549-5025 Fax Number: 318-549-5075 Email: keith.norwood@bossierschools.org

(A letter of support must be attached)

(If more than one school is involved, photocopy this page, complete and attach to this section.)

School Name: Bossier Elementary

School mailing address: 1000 Traffic Street, Bossier City, LA 71111

School physical address: 1000 Traffic Street, Bossier City, LA 71111

Parish: Bossier Elementary or Middle School? Elementary Grades: Pre-K through 5th grade

Number of Students: 375 Number of Teachers: 65

Principal's contact information: Name: Ann Wommack Phone Number: 318-549-6350

(A letter of support must be attached, if application is not coming from the school.)

PTA/PTO contact information if applicable: n/a

Who is your school's designated **Safe Routes to School Coordinator**? (Please give a name and email address) Lisa M. Frazier, NLCOG lisa.frazier@nlcog.org

Are students allowed to walk to school? Yes If not, is the school proposing to change this policy?

Does the school currently have any Safe Routes to School Programs? Yes If yes, Please elaborate:

Bossier Elementary is currently part of NLCOG's 2009 - 2010 Kids On the Move! program. As part of the second phase of the program, NLCOG is seeking funding for infrastructure improvements along with continued implementation of the education/encouragement components begun this school year. The school experienced great success with the parent evaluations sent home. Most children walk and bike to school regularly, though improvements are needed to the areas surrounding the school and to the education of drivers in the area.

SCHOOL INFORMATION

School District: Bossier Parish Superintendent Name: D. C. Machen

Address: P O Box 2000

City: Benton State: Louisiana Zip: 71006

Contact Person: Keith Norwood Title: Director of Planning

Phone: 318-549-5025 Fax Number: 318-549-5075 Email: keith.norwood@bossierschools.org

(A letter of support must be attached)

(If more than one school is involved, photocopy this page, complete and attach to this section.)

School Name: Plantation Park Elementary

School mailing address: 2410 Plantation Drive, Bossier City, LA 71111

School physical address: 2410 Plantation Drive, Bossier City, LA 71111

Parish: Bossier Elementary or Middle School? Elementary Grades: Pre-K through 5th grade

Number of Students: 630 Number of Teachers: 70

Principal's contact information: Name: Carolyn Moody Phone Number: 318-549-5700

(A letter of support must be attached, if application is not coming from the school.)

PTA/PTO contact information if applicable: n/a

Who is your school's designated **Safe Routes to School Coordinator**? (Please give a name and email address) Lisa M. Frazier, NLCOG lisa.frazier@nlcog.org

Are students allowed to walk to school? Yes If not, is the school proposing to change this policy?

Does the school currently have any Safe Routes to School Programs? No If yes, Please elaborate

Note: Number after each item is the possible points awarded for that item.

PROBLEM IDENTIFICATION
Label your responses ATTACHMENT A
25 Points

1. Identify any obstacles (physical or perceived) to walking and /or biking to and from school. (8)
2. Identify risks or hazards facing children who walk or bike to school. Supply crash data or other relevant information as supporting documentation. (8)
3. Describe the current percentage of students that bike or walk to school and the potential for increasing that percentage. Provide a summary of student surveys, parent surveys, etc. as supporting documentation. (5)
4. Provide summary reports of studies used to identify problems and recommend solutions where applicable. Examples are traffic studies, walkability or bikeability surveys, etc. (4)

PROPOSED IMPROVEMENT/ACTIVITY
Label your responses ATTACHMENT B
30 Points

1. Describe the proposed infrastructure improvement and/or non-infrastructure activity and how implementation will improve conditions with respect to the identified problem(s) above, e.g. improve driver behavior, improve quality of walking environment, decrease accidents, increase safety, increase numbers of students who walk or bike to school, etc. **Be specific.** Infrastructure description should include critical dimensions of proposed improvement with a plan view or cross-sections shown on a separate sheet. (20)
2. Explain how each component of the 4 E's below was considered in the project. If one or more were not considered or incorporated, explain. (10)
 - a. **ENGINEERING** - Creating operational and physical improvements to the infrastructure surrounding schools that reduce speeds and potential conflicts with motor vehicle traffic, and establish safer and fully accessible crossings, walkways, trails and bikeways.
 - b. **EDUCATION** - Teaching children about the broad range of transportation choices, instructing them in important lifelong bicycling and walking safety skills, and launching driver safety campaigns in the vicinity of schools.
 - c. **ENCOURAGEMENT** - Using events and activities to promote walking and bicycling.
 - d. **ENFORCEMENT** - Partnering with local law enforcement to ensure traffic laws are obeyed in the vicinity of schools (this includes enforcement of speeds, yielding to pedestrians in crossings, and proper walking and bicycling behaviors), and initiating community enforcement such as crossing guard programs.

MAPS, PLANS, & PHOTOGRAPHS
Label your responses ATTACHMENT C
10 Points

1. Attach project location map(s); project boundary map and site plan (if available). (8)
2. Include photographs of the existing site and/or facility if applicable. (2)

Please note that this application will be reproduced, so please provide maps in a "reproducible friendly" format (on 8 ½" x 11" paper, No Polaroid pictures please). Comments on the projects should be outlined as captions.

PROJECT SUPPORT
Label your responses ATTACHMENT D
10 Points

1. Describe and document any local organizations, local agencies, citizen support or other project partners participating in the development of this project. (4)
2. Identify responsibility for maintenance and/or ongoing funding, if needed, to ensure the continued success of the project. Provide a letter or resolution of acceptance of responsibility. (4)
3. Estimate the reoccurring funding required for the proposed project. (2)

SURVEILLANCE AND EVALUATION
Label your responses ATTACHMENT E
10 Points

1. Please submit your plan for measuring success. Include projected outcomes, e.g. reduced driver speeds, number of students walking, traffic reduction. How do you plan to gather pre and post data on the percent of students walking and biking to school? (Applicants will be required to complete and submit standard surveys)(10)

PROJECT COST
Label your responses ATTACHMENT F
15 Points

1. Itemize ALL project elements and costs for which funding is being sought only. List item, description, quantity, unit price, amount, etc. Include items for mobilization, temporary signs and barricades, and construction layout (if layout is applicable and to be performed by contractor). Use the form in Appendix A for infrastructure cost estimate. Provide a separate estimate for non-infrastructure activities. (15)

All construction projects will be advertised and bid by DOTD and engineering firms will be advertised and selected by DOTD. Take this into consideration when preparing project costs.

Be sure to have as complete and accurate a cost estimate as possible for all phases of the work. Funding may not be available to cover inadequate cost estimates, and may jeopardize the completion of the project.

PROVIDE SEPARATE BUDGETS FOR INFRASTRUCTURE AND NON INFRASTRUCTURE PROJECTS.

BONUS SECTION

Label your responses **ATTACHMENT G**
Bonus 10 Points

Attach an Action Plan that consists of the following parts: (10)

1. Define all infrastructure improvements and non-infrastructure activities that have been identified as needed during the problem identification process but are not a part of this request.
2. Provide a cost estimate of each of the items.
3. Assign a priority for each element
4. Identify possible funding sources
5. Propose a time frame for accomplishing all elements.
6. Describe the actions that will be taken to accomplish the plan.

CERTIFICATION

The undersigned has authority to sign on behalf of the Sponsor and certifies that the undersigned has legal authority to enter into contract to implement this project. The undersigned certifies that all information provided is complete and accurate to their best knowledge. The undersigned acknowledges that if the project is accepted by the Safe Routes to School Program, that funding and scope of work requested in this application **shall not** be changed from that originally requested. Any additional costs will be borne by the Sponsor.


SIGNATURE

February 26, 2010

DATE

Executive Director
TITLE

318-841-5950

PHONE NUMBER

J. Kent Rogers
PRINTED NAME

Email your application in a word document to shalandacole@dotd.la.gov . Also, send one (1) bound application and four (4) stapled copies of the application.

The bound application and the extra 4 copies should be submitted to:

Louisiana Department of Transportation and Development
Safe Routes to School Program
Attention: Shalanda Cole, MBA
Section 82
P.O. Box 94245
Baton Rouge, LA 70804-9245

APPENDIX A

2009 Detailed Infrastructure Project Cost Estimate

Construction Costs						
ITEM	QUANTITY (A)	UNIT	UNIT PRICE (B)	REQUESTED SRTS FUNDS	LOCAL FUNDS (See note below)	AMOUNT (AxB)
Plastic Pavement Striping (12" width)	5,000	Ft	2.00	\$10,000	0	\$10,000
Plastic Pavement Striping (8" width)	2,000	Ft	1.75	\$3,500	0	\$3,500
Removal of existing markings	1	Lump	10,000	\$10,000	0	\$10,000
Plastic Pavement Legends and Symbols	8	Ea	500	\$4,000	0	\$4,000
Removal / replacement of concrete walks and curbs	100	Sq yd	115	\$11,500	0	\$11,500
Solar powered speed control devices	4	Each	7,500	\$30,000	0	\$30,000
Installation of solar powered speed control devices	4	Each	500	\$2,000	0	\$2,000
Reflective Signs on movable weighted base	4	Each	650	\$2,600	0	\$2,600
Bike Rack	2	Each	1000	\$2,000	0	\$2,000
Walking track / trails (1/8 th mile)	2	Lump	11,500	\$23,000	0	\$23,000
Striping of the walking track / trail			650			
Degrass and cut walking trail (labor and equipment)			650			
Cut trail and lay with gravel			5,000			
Overlay (hot mix) and push dirt back up			4,500			
Pull material to walking trail			700			
Subtotal				\$98,600	0	\$98,600
Mobilization (5-10% of Amount subtotal)				\$9,860	0	\$9,860
Traffic Control (2-10% of Amount subtotal)				\$9,860	0	\$9,860
Construction Layout (0-5% of Amount subtotal)				\$4,930	0	\$4,930
Contingencies (0-10% of Amount subtotal)				\$9,860	0	\$9,860
CONSTRUCTION COSTS TOTAL				\$133,110		\$133,110

Engineering Costs				
Preliminary Engineering	10% of Total Construction Amount	\$13,311	0	\$13,311
Construction Engineering/Contingency	15% of Total Construction Amount	\$19,966.50	0	\$19,966.50
ENGINEERING COSTS TOTAL		\$33,277.50		\$33,277.50

Other Costs				
Right-of-Way			0	0
Utility Relocation			0	0
Miscellaneous			0	0
OTHER COSTS TOTAL				

TOTAL PROJECT COSTS	Const. + Engr. + Other		\$166,387.50
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The amount in the shaded box will be the total SRTS Funding requested

Note: Local funds are not required and thus not considered in scoring applications. Sponsors may elect to supplement SRTS funds to expedite or fully fund the project.

Attachment A

Problem Identification

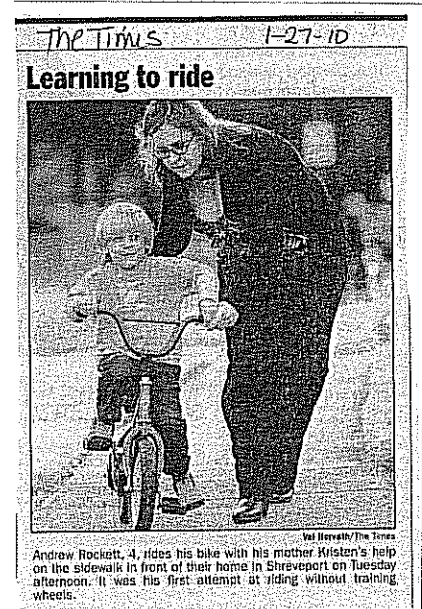
In 1969, approximately 50% of children in the United States walked or bicycled to schools, but by 2001 less than 15% of children arrived at school under their own "foot power" (www.saferoutespartnership.org). The number of students walking and bicycling to school is decreasing each year for Bossier Parish as the number of vehicles on the roadways, and in residential areas, increases. Factors contributing to this decline include increased traffic around schools and the resulting safety concerns due to the increased car and truck traffic; non-existent sidewalks and/or sidewalks in disrepair; and an overall attitude of fear regarding the safety and security of children walking and riding to school.

Another significant impact on the number of children walking and bicycling to school is school siting. Approximately 50% of elementary-aged children lived within two miles of their school in 1969. By 2001, only 33% of students lived within this distance (www.saferoutespartnership.org). The decreased numbers of children living within a neighborhood and attending the neighborhood school is steadily decreasing as parents seek to live within gated communities away from the urban centers. In Louisiana, 38% of children and youth live in neighborhoods without sidewalks or walking paths. Safe neighborhoods can help promote physical activity. "Schools are integral to how communities grow and develop. In many communities school siting decisions and local land use planning decisions are often disconnected" (www.saferoutespartnership.org). NLCOG is working with the school boards and local city / parish municipalities to coordinate these decisions for regionally significant benefits.

Parents identify a number of tangible reasons why they choose not to allow their children to walk or bicycle to school unsupervised or choose not to walk with their children. Some of those reasons include the children's lack of safety knowledge, fear for the safety of the children, and speeding automobiles. With many more cars and trucks on the roads, the need for proper instruction of pedestrian and bicycle safety is imperative. Support from teachers, parents and community leaders will encourage students to follow pedestrian and bicycle safety rules while also learning to live a healthy lifestyle full of physical activity. This same support will also encourage drivers to "Be aware ... take care!"

Other reasons cited for children not walking or bicycling to school include the perception of danger, distance too far to walk or ride bicycles and too many streets to cross. These intangible factors represent a variety of attitudes based on perceptions. By addressing the perceptions through the Kids On the Move! program, NLCOG can help alleviate the fears many parents harbor for their

children. Teaching safety rules, partnering with law enforcement and city agencies to reduce deterrents and opening the neighborhood as a whole to a new way of thinking will encourage more children to walk and ride their bicycles as a group and with their family. Along with the education of parents on ways to make their neighborhood safer, there is a great need to educate and encourage parents to abide by safety rules themselves, as well as help them set examples for their children. Too often parents allow their children to ride their bicycles without the proper helmet. Louisiana law states any child under age 12 must wear a helmet when riding a bicycle. This is easily addressed through community outreach both within the schools and outside of the schools with other community agencies.



According to the Louisiana School Transportation Handbook: Bulletin 1191, Section 2302, students who live within one mile are not eligible to ride on parish-provided school transportation to and from school. For the 2010 application period, the Northwest Louisiana Council of Governments (NLCOG) identified two elementary schools in Bossier Parish with the necessary basic infrastructure to facilitate education on pedestrian and bicycle safety: Bossier Elementary and Plantation Park Elementary in Bossier Parish. The two schools in Bossier Parish are situated within residential neighborhoods with sidewalks and accessibility to the school from the surrounding homes. Population in the neighborhoods surrounding the schools is based on the 2000 Neighborhood Census data (Summary File 1) as aggregated by NLCOG in order to conform to the established Neighborhood areas. The number of school-age children (5-14 years) living in the feeder neighborhood for Bossier Elementary is 355. The total population of school-age children (5-14 years) for the Plantation Park neighborhood is 785.

Currently, Bossier Elementary has 375 students enrolled. Approximately 20% of students walk or bike to school more than 3 days per week. Only three bus routes serve this school; the remaining student population lives in the area immediately surrounding the school. Few students cross over East Texas Avenue (US Hwy. 80) to reach the school, thus the surrounding homes are conducive to walking and biking. Parents routinely congregate on campus to pick up their children and walk home together. This presents an ideal situation for the Walking School Buses and Bicycle Squads to get started. Plantation Park Elementary also experiences the same concerns and safety issues. With 630 students currently enrolled, 40% walk or bike more than three days per week.

A major factor parents cited in walkability checklists in February 2009 as a hindrance to their children walking or biking to school on a consistent basis is the lack of consistent sidewalks throughout the neighborhood. Many sidewalks are only on one side of the street and often stop mid-block. Parents also noted the poor condition of crosswalks with paint barely visible in all but a few crosswalks. Drivers were also cited as a concern due to the speeds driven and the increased traffic through the neighborhood during the morning drop-off times and afternoon pick-up times.

Many days the line of cars waiting to enter the drop-off/pick-up areas for the schools extends through the neighborhood creating traffic safety issues for cars trying to enter and leave the neighborhood. The resulting traffic jam forces non-school related drivers to detour into the neighborhood streets to get around the waiting cars. These detours endanger the students who do walk and bike by putting additional cars into their routes to school and home from school. Sidewalks immediately surrounding Plantation Park do not contain a buffer. Cars park directly against the sidewalks. Other areas of the school property do not have any sidewalks. Two multi-family housing complexes are located across the street from the school. Most students walk or bike to school from these complexes, yet the crosswalks are in need of re-striping to alert pedestrians and cyclists where to safely cross and also to alert drivers to the probability of a pedestrian or cyclist crossing.

A secondary, yet equally important, outcome of the Kids On the Move! program is the health benefits experienced by students, parents and teachers. Nationwide, 1 out of 3 children is considered overweight or obese (www.kidshealth.org). Louisiana ranked seventh highest for the percent (35.9) of overweight or obese children ages 10-17, according to a report by the Robert Wood Johnson Foundation and the Trust for America's Health. Federally-mandated School Wellness Policies do little to encourage a backward trend in obesity for children. Both schools have a wellness plan, as does the Bossier School System. All of the plans include references to Safe Routes to School and increased physical activity, yet the policies are not enforced or used to encourage the students to meet the outlined guidelines.

The Bossier School System's policy recognizes the need for students to be "physically active in order to grow, learn, and thrive" and the resulting successes that develop from these healthy habits developing in childhood including "student attendance and education." The Bossier School System also recognizes in the wellness policy the need to "encourage physical activity during recess ... intramural programs ... integration in the academic curriculum." Kids On the Move! helps the students and teachers in Bossier realize this goal on both a personal level and on a parish-wide level. By partnering with the schools, NLCOG can bring together different community agencies, the schools, parents and planners to help advocate for and "create ways for students to walk, bike, skateboard,

rollerskate ... or participate in other physical activity in a safe location at times other than the school day." What better time than immediate before and immediate after as they travel to and from school!

The Bossier Parish Wellness Committee stated in its "Kick It Up: Better Health for All Children" report: "The school and community environment can have an impact on the physical activity levels of children and adolescents. The school environment is an important channel through which interventions, programs, and policies can be made to increase the physical activity levels of children and youth, especially since a large proportion of their day is spent in school – and sitting. In addition, the built design of a community can also influence or hinder physical activity. There are three indicators used in the school and community category: physical activity programming at school, training of school personnel in physical activity, and the built environment and community design."

Attachment B

Proposed Improvement/Activity

As the uncertainty parents feel toward allowing their children to walk and bicycle to school shows, education will be a key component not only for the children, but also for the parents, caregivers and neighbors. Education is the first, and most important, foundational step for implementing Kids On the Move!, the Safe Routes to School program in Northwest Louisiana, as well as building healthy lifestyles.

Last year, NLCOG identified an appropriate curriculum for the children and parents to learn safety rules and problem solving skills concerning pedestrian and bicycle safety. NLCOG is currently re-writing this curriculum with the help of teachers and administrators to more easily connect with and complement the state-mandated Grade Level Expectations (GLEs). With input from each school's primary teacher, NLCOG will further customize the program to our region. NLCOG will provide the necessary teaching materials, incentives and rewards, and assistance in planning grade – , school – , and community – wide activities.

Travel notebooks will encourage students to live a healthy lifestyle both in school and at home by allowing all students to record physical activity achievements, such as walking and bicycling, for special prizes. At predetermined increments, students can turn in their travel notebook for individual rewards. Periodically throughout the school year, each school will award classroom incentives. For example, Northwest Louisiana Walk to School Day is held on the same day as the International Walk to School Day. A school-wide contest will award one class in each grade level with the most students walking to school with a healthy snack and extended recess time. NLCOG will work with each individual school to plan the most appropriate school-wide incentives. NLCOG also proposed holding a spring Northwest Louisiana Walk to School Day to kick-off the weekly walking/biking days.

In conjunction with each city's police department, students will engage in hands-on and practical application of the safety rules they learned in class through bicycle rodeos. As a complement to this program, all second graders attend Safety Town as a field trip during the school year. The child-sized town features miniature streets, buildings, crosswalks and traffic lights that offer children a safe, life-like setting for demonstrating the pedestrian and bicycle safety concepts they learned in the classroom environment. NLCOG also formed a relationship with the Ark – La – Tex chapter of ThinkFirst – National Injury Prevention Foundation to speak with parents and neighbors about making

safe choices such as buckling up, wearing bicycle helmets and watching for pedestrians and bicyclists.

After teaching the students about pedestrian and bicycle safety, the next step entails forming Safety Patrol program utilizing fourth and fifth grade student leaders as both Walking School Bus monitors and Bicycle Squad Officers. The selected monitors will learn how to enforce the school rules for walkers and bicycle riders, as well as partner with adult volunteers who will help the walking school buses weave through the neighborhood picking up children along the way. Bicycle Squad Officers will encourage students who ride bicycles to follow safety and security rules and to store their bicycles properly at the appropriate racks. In previous years' programs, several schools saw students respond to the extra responsibility of serving on the Safety Patrol as a positive reinforcement for maintaining good behavior in school.

As mentioned earlier, Bossier Schools do have a written wellness policy that correlates well with the Kids On the Move! program. Along with increasing the safety of children walking and biking to school and home in the afternoons is the development of healthy lifestyles. By integrating the wellness policies into the Kids On the Move! program, and vice versa, parents, teachers, and administrators can all take a more proactive and active role in educating and encouraging children to include physical activity on a daily basis. Bossier Parish Schools formed a Wellness Committee to monitor and recommend actions / goals to increase the health and welfare of the students in Bossier Parish. Of the three identified goals, two correlate directly with Safe Routes to School and increasing physical activity for students and teachers. The committee recommends a holistic approach to wellness by utilizing the school and community jointly; incorporating physical activity during academic lessons; and site-based activities to increase and promote wellness. NLCOG envisions a partnership with the Wellness Committee to help integrate their recommendations in Bossier Elementary and Plantation Park Elementary. With the development of the comprehensive Kids On the Move! curriculum, children will be able to learn about community planning for safety and experience community awareness and involvement in an age-appropriate way. This comprehensive curriculum also meets the recommendations proposed by the committee for previous years: increase opportunities for children and youth the engage in moderate to vigorous physical activity; and reduce ethnic and socio-economic disparities in childhood physical activity and health.

Along with the partnership with the Bossier Parish Wellness Committee, NLCOG met with and plans to continue working with the Alliance for Education. The Alliance advocates for the implementation of the Coordinated School Health model (CSH) as mandated by BESE. Of the ten components encompassed in the CSH, "School Environment and Safety" directly relates to SRTS.

Through the operations and physical environment of the school, student academic achievement will increase along with their physical well being. Beginning a comprehensive curriculum of pedestrian and bicycle safety will show students through social interactions and academics safe ways to move to and from school, as well as around their neighborhoods and community. Also supported in the CSH is the "Parental and Community Involvement" component. Parental and community involvement is achieved through the informational meetings and open houses. Staff wellness is also achieved through the increased emphasis on healthy lifestyles for everyone, not just children. Parents and teachers can set an example for students in following safety rules and living healthy lifestyles.

A second key outcome, along with the increased safety of the children, is the reduction air pollution, ozone generation and congestion in the neighborhoods and throughout the different areas of the cities. It is NLCOG's hope to reduce the number of vehicles around each of the schools through the implementation of this program. Adult awareness of the consequences of idling in a car for a period will flow from teaching children about the environmental effects of car exhaust. Helping create a cleaner environment in neighborhoods and schools by reducing the emissions from idling vehicles is assisted through the increase of physical activity among school-aged children. Increasing the amount of physical activity among school-aged children and their parents by encouraging them to walk and bicycle to school, and at home as a family activity, is a goal of this program.

A second critical part of this plan is to collaborate with local law enforcement to help ensure traffics laws are obeyed by drivers around the school area. It is critical for drivers to navigate properly in the school zone, especially with the desired number of children walking and riding their bicycles. With increased enforcement activities, NLCOG would also like to help provide the opportunity for motorists to receive pedestrian and bicycle safety information. Also involved in this partnership is both city's Property Standards departments. As property owners clutter sidewalks with overgrowth and trash, the students may be forced to not walk on the sidewalk and instead detour into the street. Both cities' Animal Control departments are a third integral partnership this program will help create. A concern parents and students expressed are loose animals roaming the neighborhoods. NLCOG will seek the help of police officers, property standards divisions and animal control departments to speak at the public meetings and open houses, as well as enforcing the ordinances and codes adopted by the cities. The schools currently operate a crossing guard program with at least one crossing guard on duty in the mornings and in the afternoons. NLCOG will seek to complement this on-going program with additional training, clarification, and partnerships with law enforcement officers.

NLCOG noted numerous similar improvements needed at both of the schools. In keeping with the guidelines of the Manual of Uniform Traffic Control Devices (MUTCD) Part Seven – Traffic Control

for School Areas, NLCOG seeks to “provide guidance for pedestrians who are crossing roadways by defining and delineating paths ... on approaches to other intersections where traffic stops ... crosswalk marking also serve to alert road users of a pedestrian crossing point across roadways not controlled by ... traffic signals” (MUTCD, Sec. 3B.17). These improvements include:

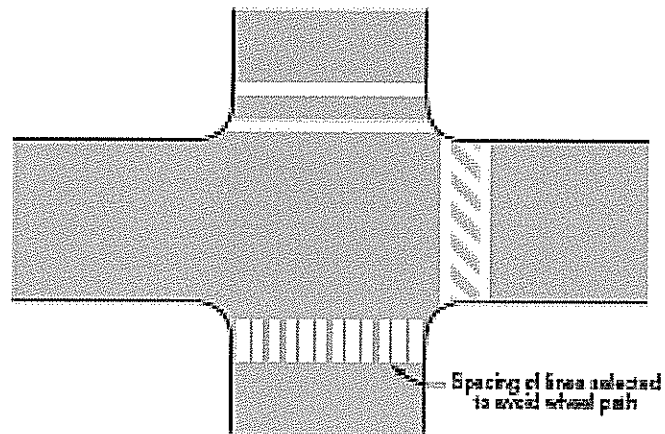
- Bossier Elementary
 - At the intersection of Wyche and Third Streets; and Colquit and Traffic Streets, the curbs are not safe for bicyclists to use. NLCOG will construct appropriate ramps to allow for safe travel in the neighborhood.
 - Pedestrians walking along the sidewalks that cross over school driveways need improved safety measures. Re-striping of the crossings will alert motorists and bus drivers for children crossing, as well as serve as a visual reminder to cross at the crosswalks instead of in the middle of the block.
 - Striping is needed at several intersections around Bossier Elementary to alert drivers to pedestrians and cyclists crossing. These include Traffic Street at Adair Street, Traffic Street at Wyche Street, and Third Street at Wyche Street (all directions).
 - Signage allowing flexibility for placement allows the school administration to target specific areas. Alerting drivers to pedestrians and crossings with these moveable signs will greatly increase the safety of the children going to school and home in the afternoons.
 - As motorists sometimes do not notice or heed the instructions of school speed zone signs, solar-powered flashing signs will be placed on either side of the campus along the main roads (Traffic Street and Third Street) to help increase visibility and compliance.
 - At least two full intersections will receive the MUTCD approved pavement marking of “SCHOOL” to alert motorists to the school zones ahead and pedestrians crossing the street.
 - Bossier Elementary enjoys an active parent population that walk and bike regularly home from school with their children. To further increase the ability of students and parents to enjoy the neighborhood, a walking track is proposed on the school campus. This will allow for students to continue their physical activity throughout the day, as well as provide the opportunity for bus riders to enjoy a morning “commute” around the track prior to classes beginning. In conjunction with the curriculum kits,

teachers can use the track to simulate real-world experiences and practice learned pedestrian and bicycle safety skills.

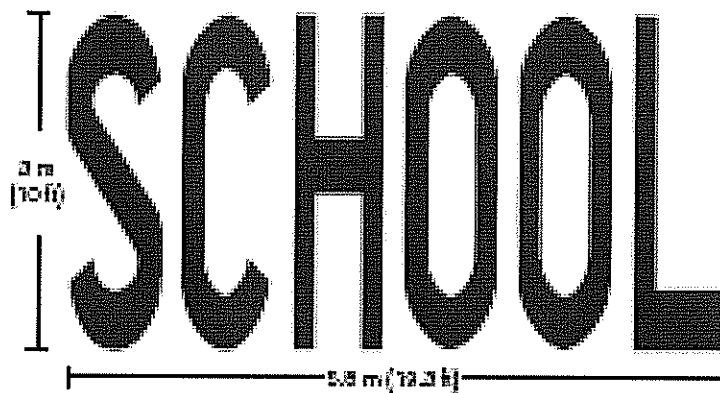
- Plantation Park Elementary

- Pedestrian and bicycle crossing improvements will help remind pedestrians of the need to follow safety rules as they enter the roadway and alert drivers to the presence of pedestrians. The improvements will occur along Plantation Drive at the crossings at Eurlene Street, Clinton Street and Rosedale.
- Improvements to the pedestrian crossings along the school driveways will help remind motorists to use caution when entering and leaving the school campus.
- Signage, used in a mobile fashion, will allow the school to provide extra reminders for both drivers and pedestrians of the crossings. The mobile signs can easily be moved to locations along the school route identified as repeatedly hazardous.
- Providing secure bicycle parking facilities will encourage more children and parents to ride their bicycles to school.
- Solar-powered flashing school zone signs will be placed around the school campus along the main roads (Plantation Drive and Eurlene Street) to help increase visibility to and compliance from drivers.
- At least two full intersections will receive the MUTCD approved pavement marking of "SCHOOL" to alert motorists to the school zones ahead and pedestrians crossing the street.
- To further encourage students to bike and walk to school, a walking trail is proposed leading from the neighborhood to the school campus. This will allow for students to safely walk and bike to school, as well as provide the opportunity for bus riders to enjoy a morning "commute" around the trail. In conjunction with the curriculum kits, teachers can use the trails to simulate real-world experiences by practicing pedestrian and bicycle safety skills.

Example Crosswalk Markings



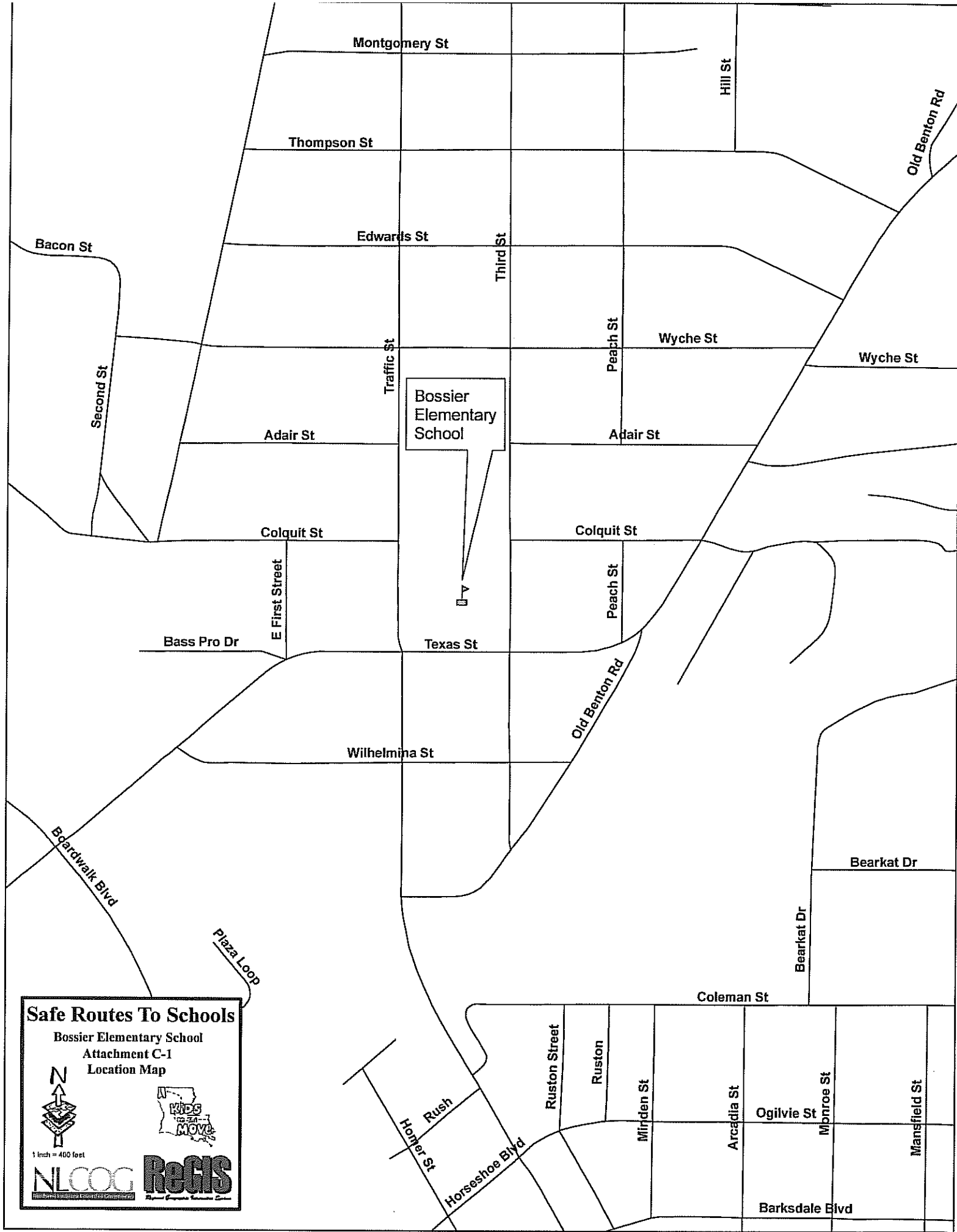
Example Pavement marking of "SCHOOL"



Attachment C

Maps, Plans and Photographs

- C – 1 Bossier Elementary School Location Map
- C – 2 Bossier Elementary School Aerial Photo
- C – 3 Bossier Elementary School Income by Block Group
- C – 4 Bossier Elementary School Photographs
- C – 5 Plantation Park Elementary School Location Map
- C – 6 Plantation Park Elementary School Aerial Photo
- C – 7 Plantation Park Elementary School Income by Block Group
- C – 8 Plantation Park Elementary School Photographs



Safe Routes To Schools

Bossier Elementary School
Attachment C-1
Location Map



1 inch = 400 feet

NLCOG
North Louisiana Council of Governments

REGIS
Regional Economic Growth Center

Bossier Elementary School

Safe Routes To Schools

Bossier Elementary School
Attachment C-2
Aerial Photo

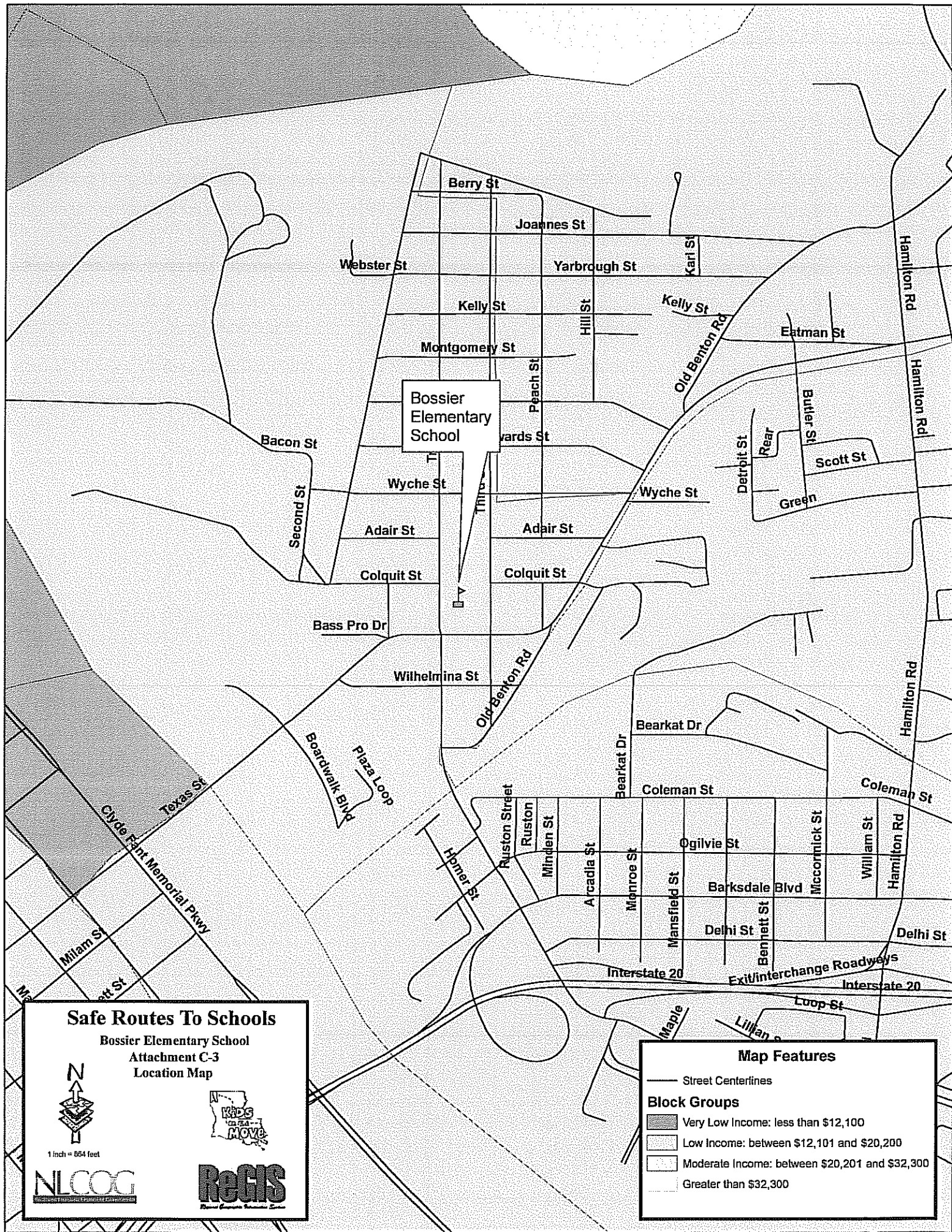


1 inch = 400 feet



NLCOG
North Louisiana Council of Governments

ReGIS
Regional Geographic Information System



Safe Routes To Schools

Bossier Elementary School
Attachment C-3
Location Map



1 inch = 654 feet



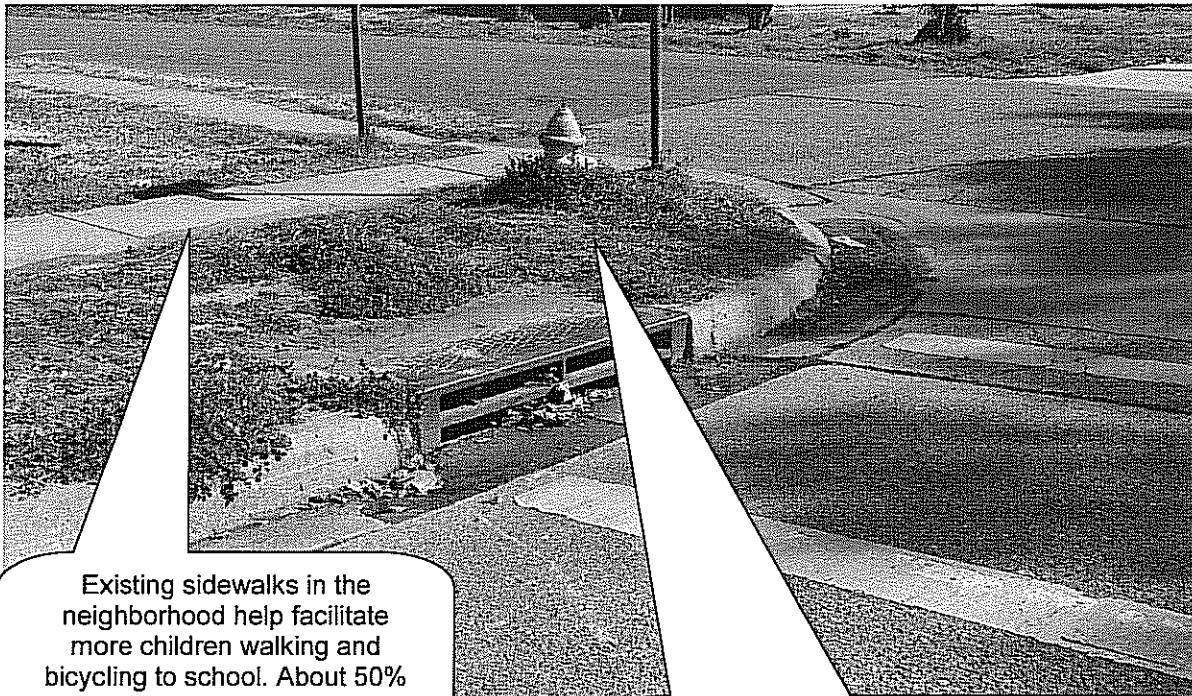
Map Features

— Street Centerlines

Block Groups

- Very Low Income: less than \$12,100
- Low Income: between \$12,101 and \$20,200
- Moderate Income: between \$20,201 and \$32,300
- Greater than \$32,300

C – 4 Bossier Elementary School Photographs

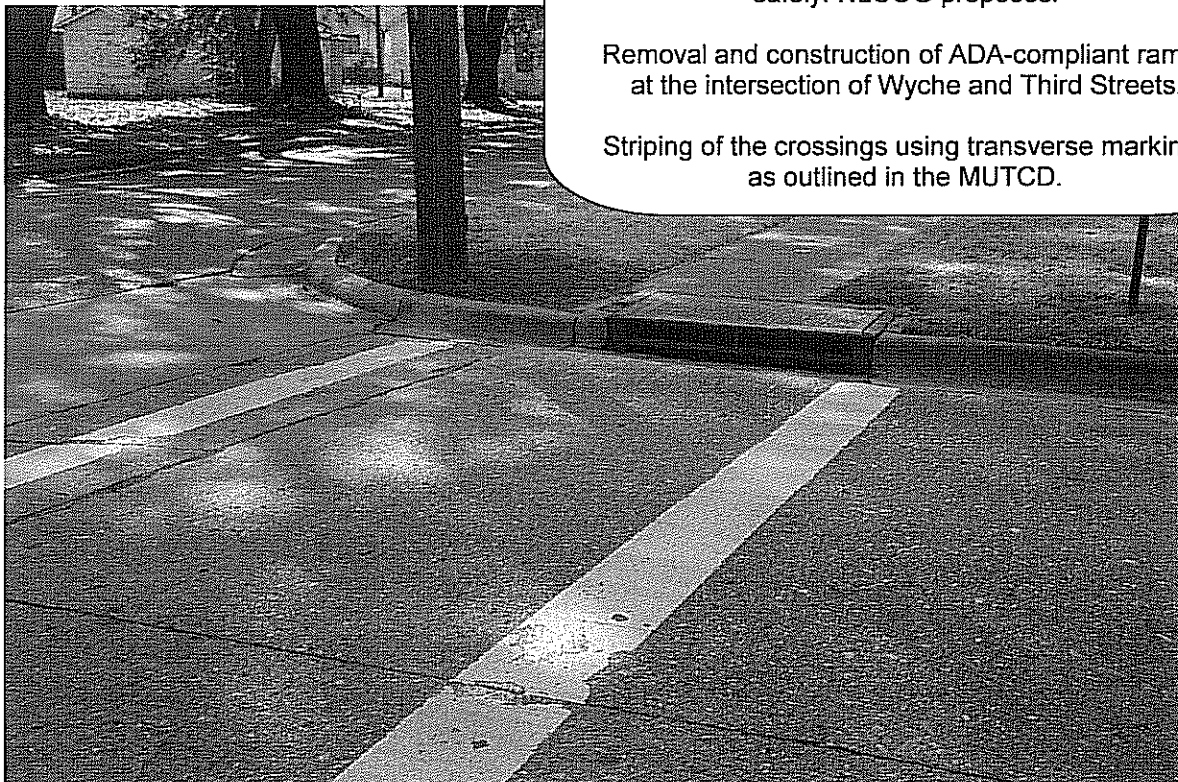


Existing sidewalks in the neighborhood help facilitate more children walking and bicycling to school. About 50% of Bossier Elementary students walk or ride their bikes.

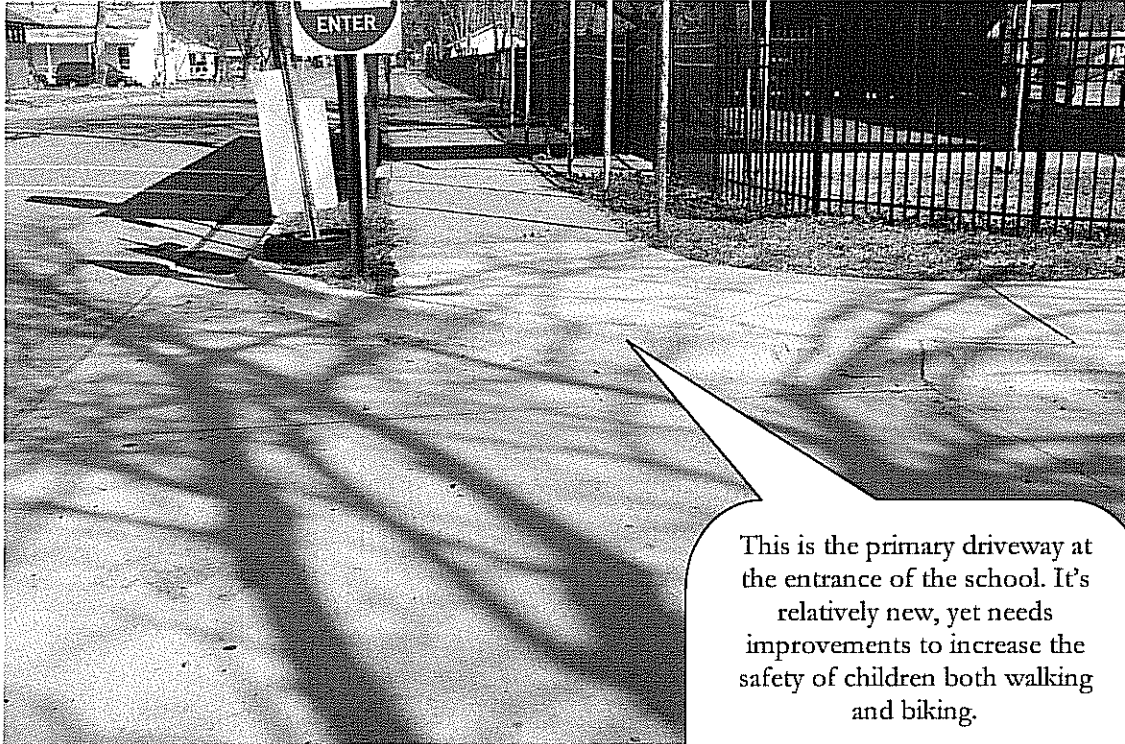
Existing sidewalks do not always continue through an intersection. As shown above, the drainage grate sits at both ends of this crosswalk, prohibiting cyclists and the disabled from completing their crossing safely. NLCOG proposes:

Removal and construction of ADA-compliant ramps at the intersection of Wyche and Third Streets.

Striping of the crossings using transverse markings as outlined in the MUTCD.



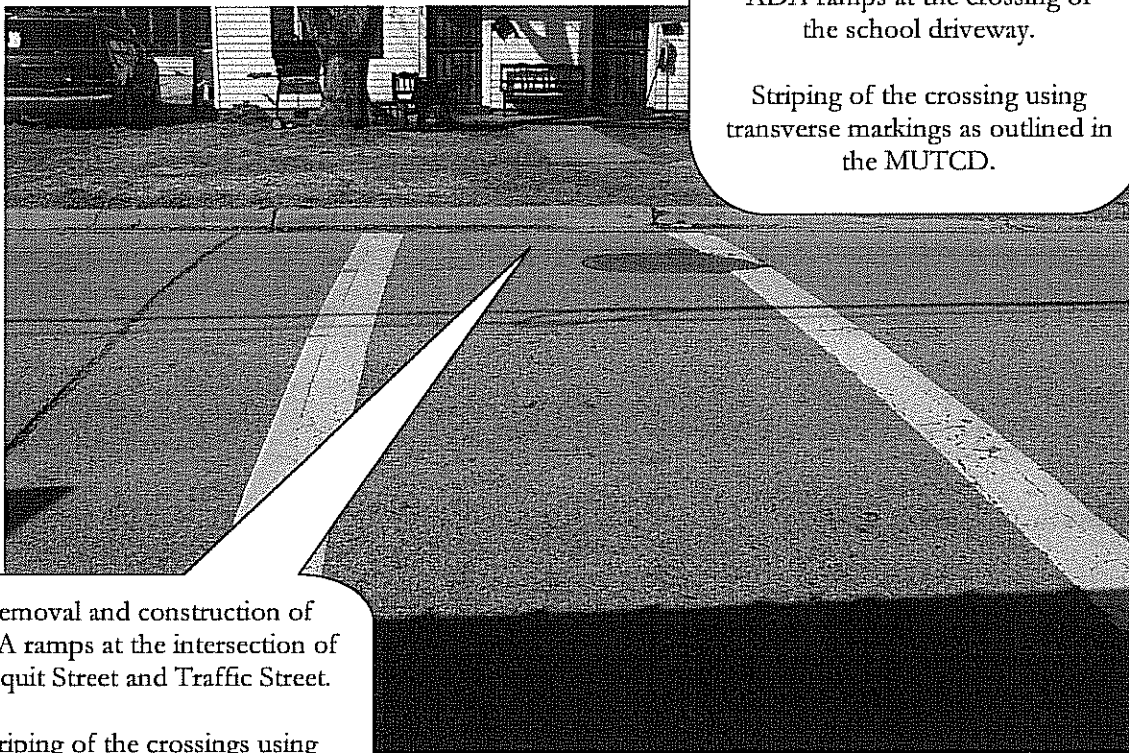
C – 4 Bossier Elementary School Photographs



This is the primary driveway at the entrance of the school. It's relatively new, yet needs improvements to increase the safety of children both walking and biking.

Removal and construction of ADA ramps at the crossing of the school driveway.

Striping of the crossing using transverse markings as outlined in the MUTCD.



Removal and construction of ADA ramps at the intersection of Colquit Street and Traffic Street.

Striping of the crossings using transverse markings as outlined in the MUTCD.

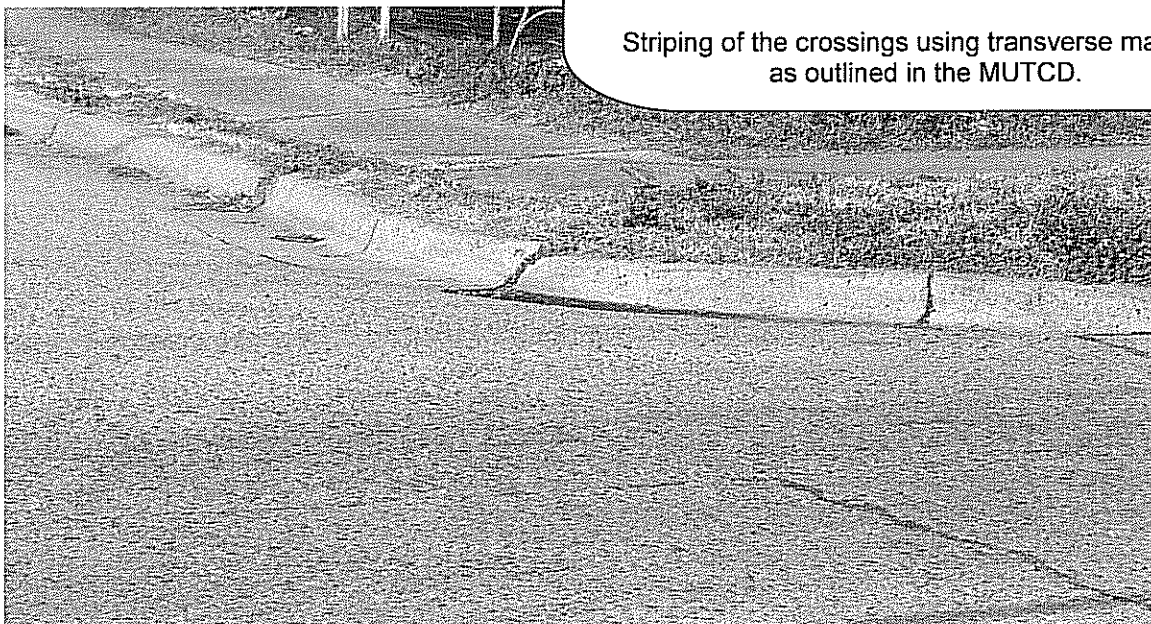
C – 4 Bossier Elementary School Photographs



Existing sidewalks need to be cleared from overgrowth to allow children to freely walk. The ramp above and below at Colquit and Traffic Streets are in disrepair, prohibiting cyclists and the disabled from completing their crossing safely. NLCOG proposes:

Removal and construction of ADA-compliant ramps at the intersection of Wyche and Third Streets.

Striping of the crossings using transverse markings as outlined in the MUTCD.





Safe Routes To Schools
Plantation Park Elementary School
Attachment C-5
Location Map

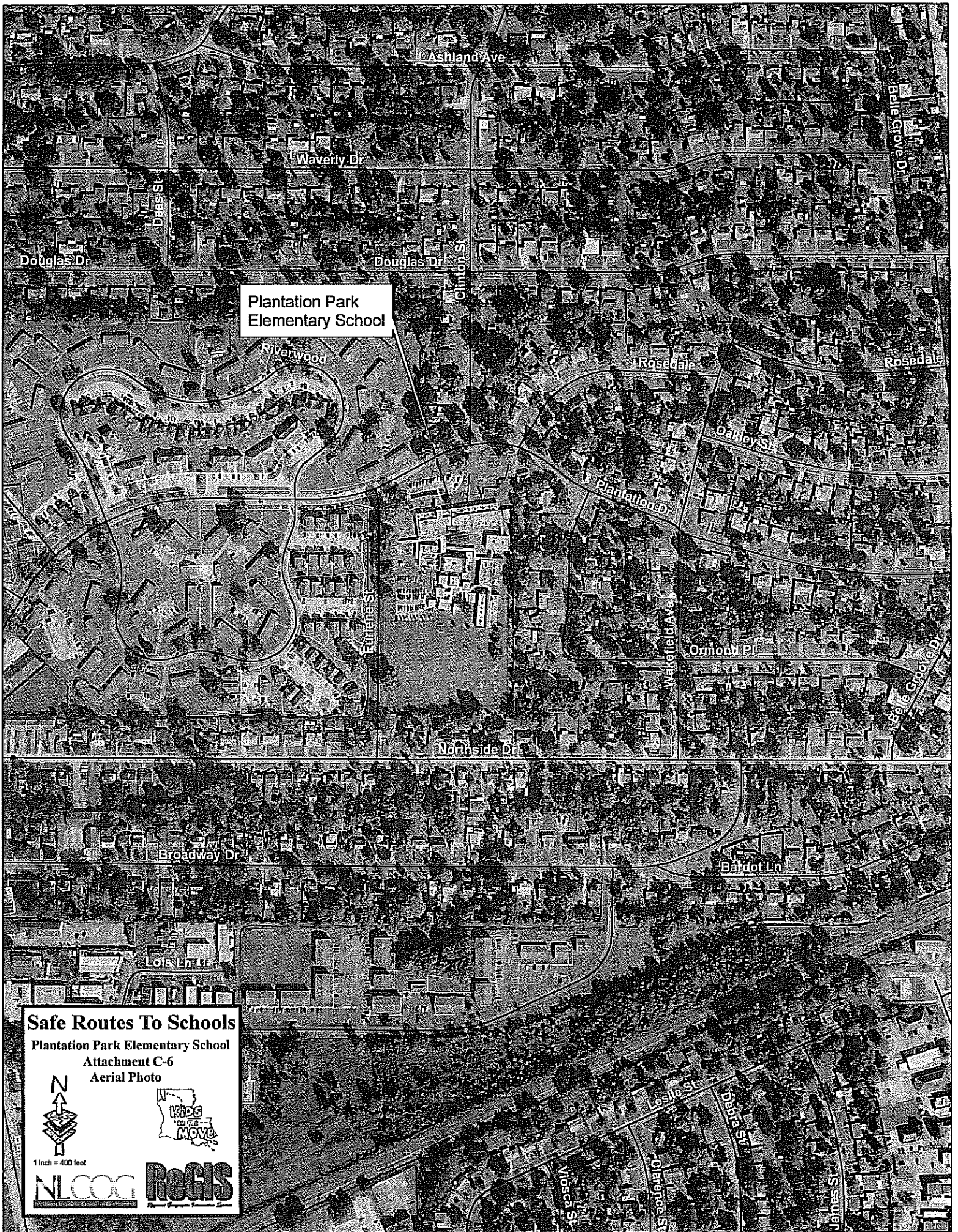
N

1 inch = 400 feet

NLCOC
Northside Local Council of Governments

REGIS
Regional Educational Geographic Information System

KIDS GO TO SCHOOL



Safe Routes To Schools

Plantation Park Elementary School
Attachment C-6
Aerial Photo

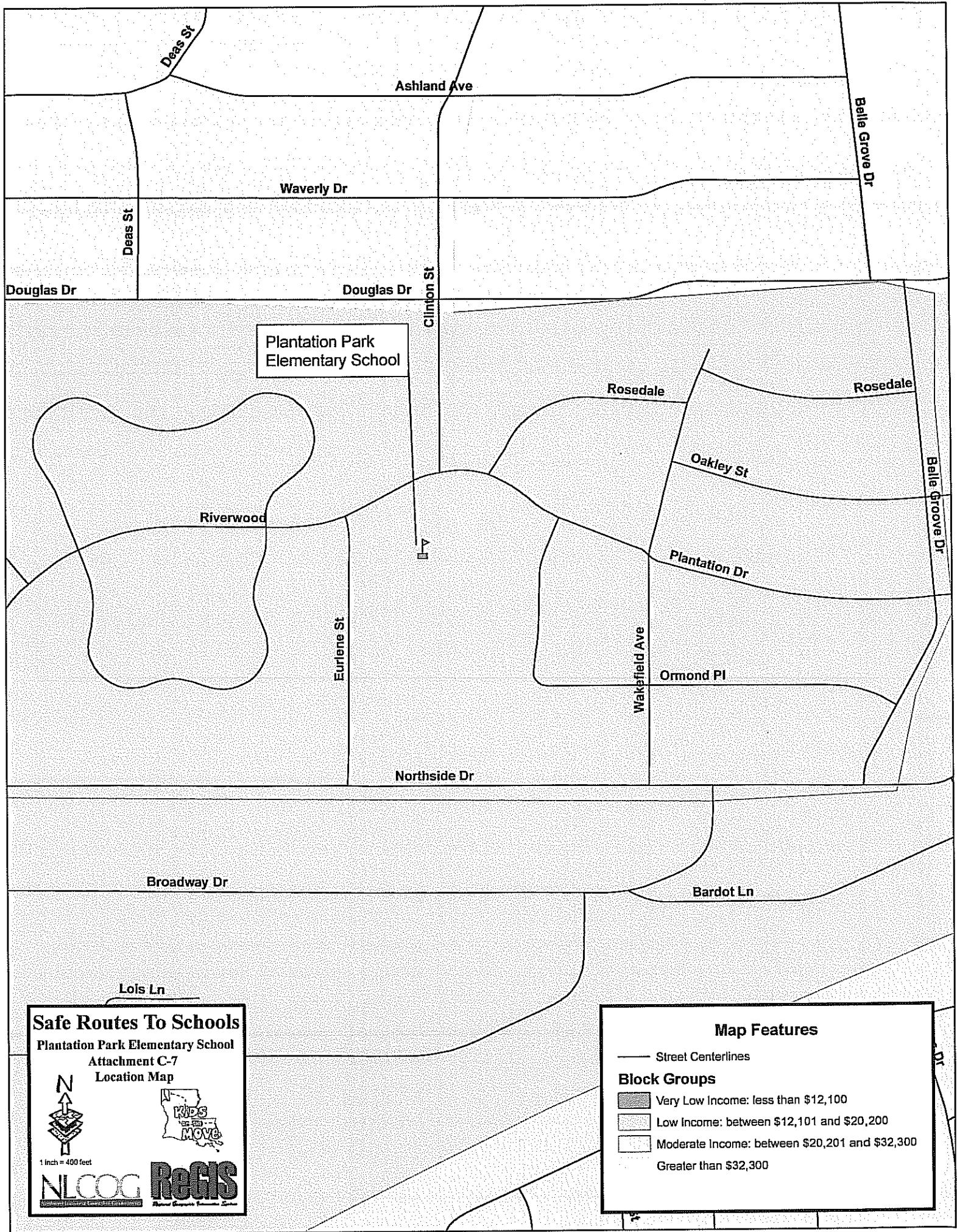


1 inch = 400 feet



NLCOC
North Lincoln County Council of Governments

Regis
Regional Government Services



Safe Routes To Schools
Plantation Park Elementary School
Attachment C-7
Location Map



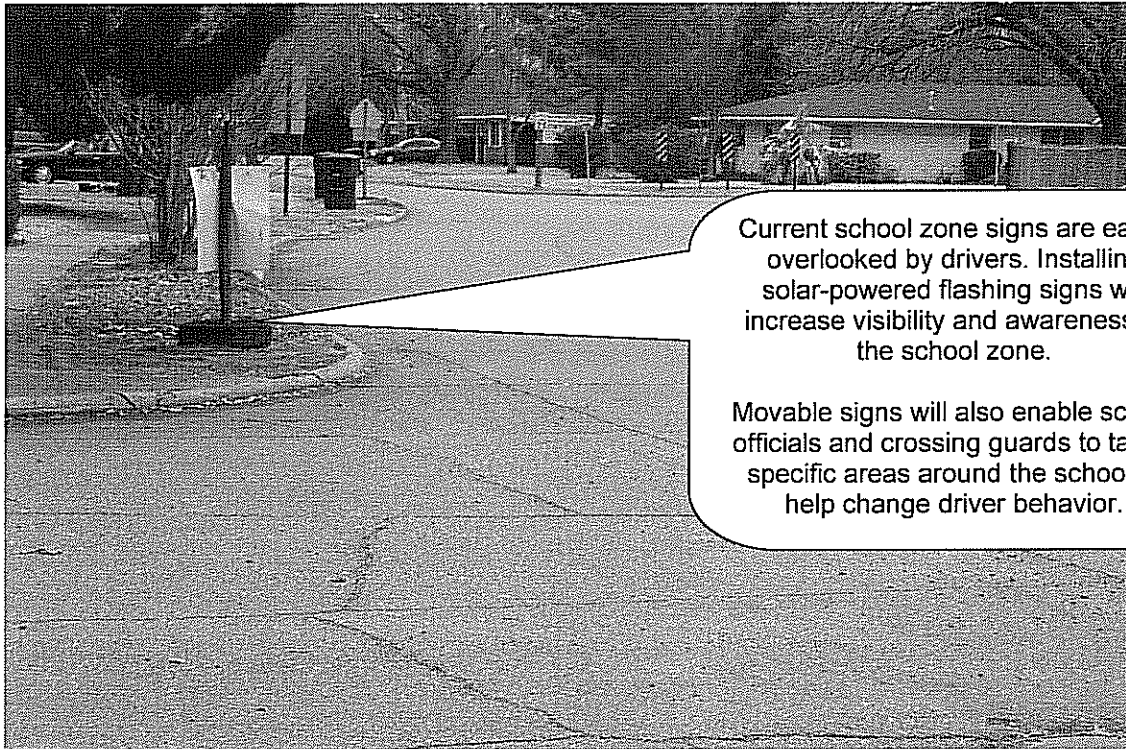
Map Features

— Street Centerlines

Block Groups

- Very Low Income: less than \$12,100
- Low Income: between \$12,101 and \$20,200
- Moderate Income: between \$20,201 and \$32,300
- Greater than \$32,300

C – 8 Plantation Park Elementary School Photographs



Current school zone signs are easily overlooked by drivers. Installing solar-powered flashing signs will increase visibility and awareness of the school zone.

Movable signs will also enable school officials and crossing guards to target specific areas around the school to help change driver behavior.



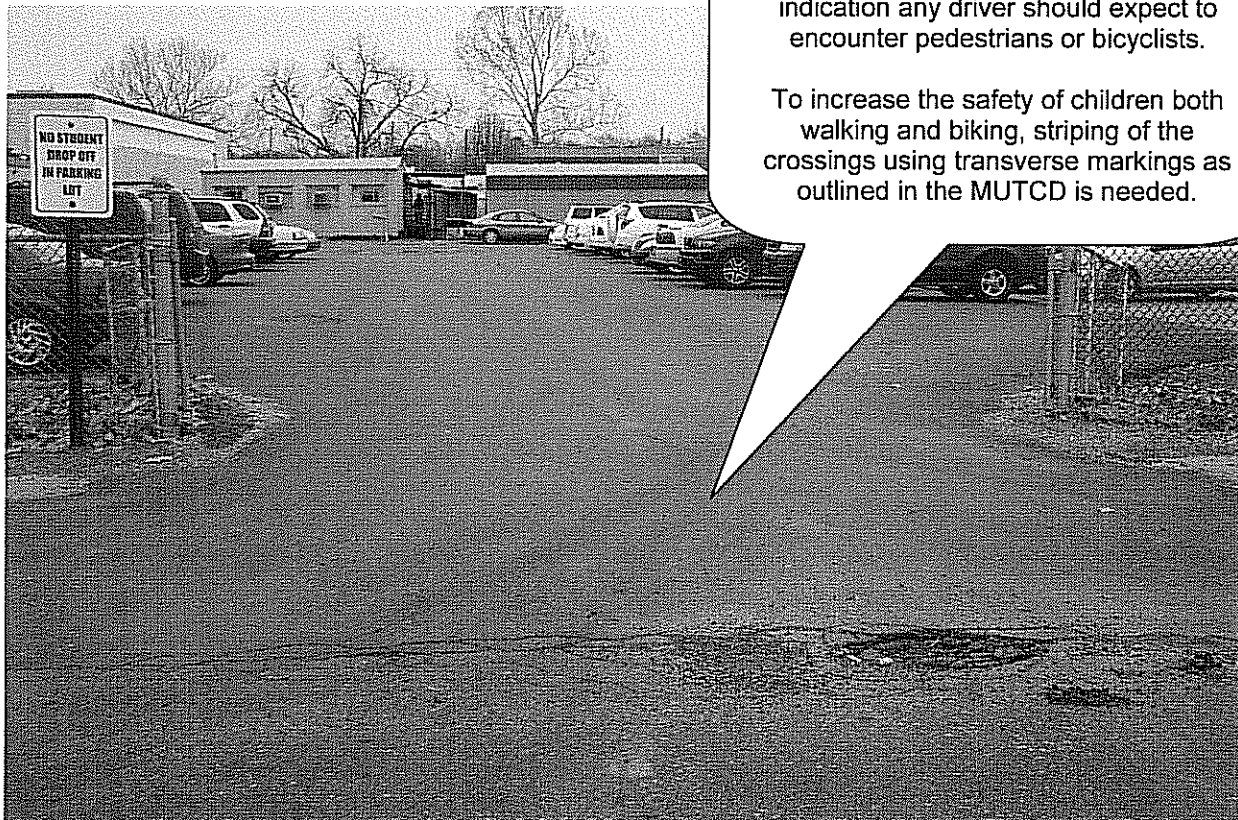
Along Plantation Drive at the intersection of Clinton Street (directly in front of the school), there are no painted crosswalks or signage. This pedestrian island provides a refuge and shorter crossing distance as children cross a wide intersection.

Striping of the crossings using transverse markings as outlined in the MUTCD is needed.

C – 8 Plantation Park Elementary School Photographs



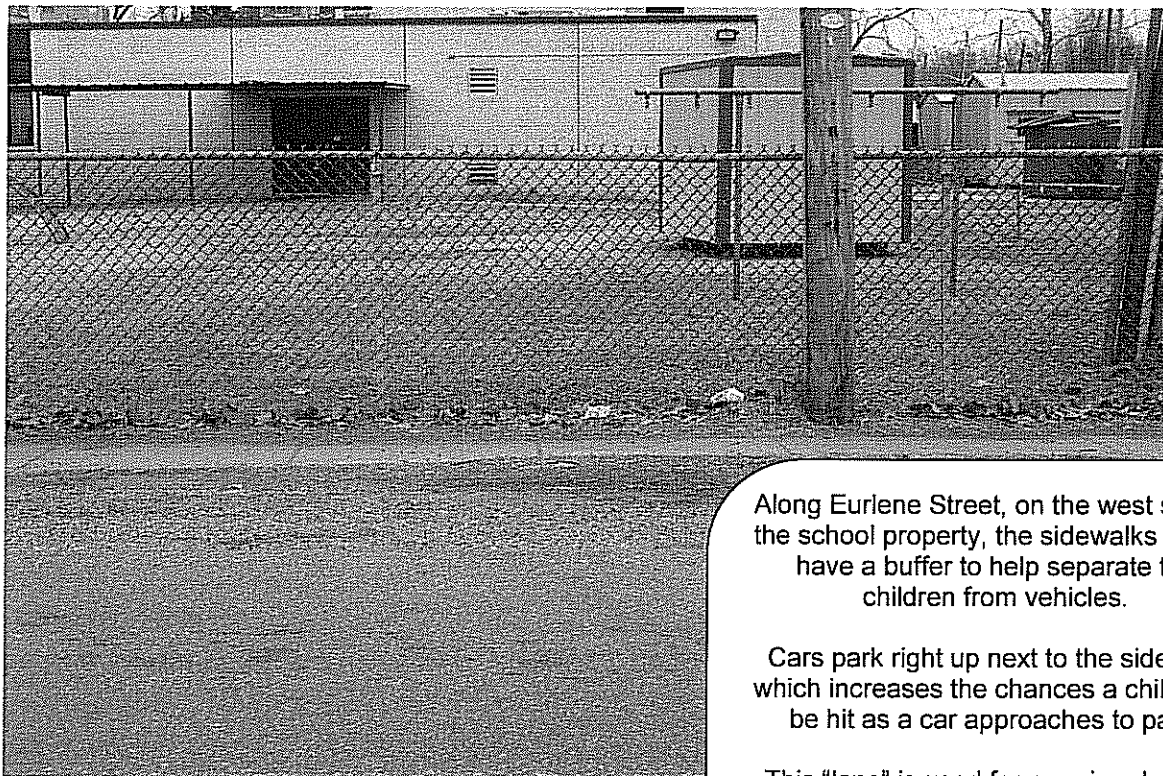
Along Plantation Drive there are no sidewalks on the school side. This forces children walking to the east and south side of the neighborhood to make extra street crossings or to just walk in the grass.



This is the driveway to the primary parking lot at Plantation Park. There is no indication any driver should expect to encounter pedestrians or bicyclists.

To increase the safety of children both walking and biking, striping of the crossings using transverse markings as outlined in the MUTCD is needed.

C – 8 Plantation Park Elementary School Photographs

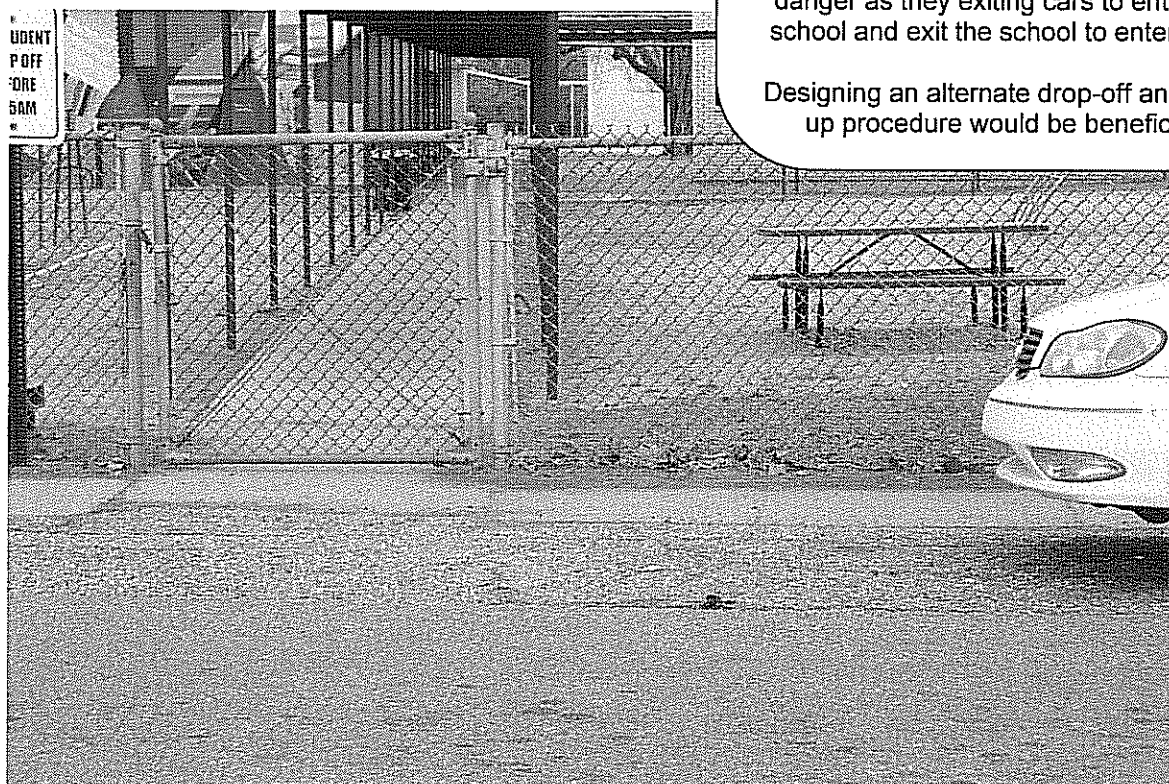


Along Eurlene Street, on the west side of the school property, the sidewalks do not have a buffer to help separate the children from vehicles.

Cars park right up next to the sidewalk which increases the chances a child may be hit as a car approaches to park.

This "lane" is used for morning drop-off and pick-up so children are often in danger as they exiting cars to enter the school and exit the school to enter cars.

Designing an alternate drop-off and pick-up procedure would be beneficial.



Attachment D

Project Support

In order to sustain this project into future years, each school's PTO/PTA will play an important role in this process. They will help secure funds for reoccurring costs, such as promotion items and incentives, through fundraisers. Envisioned for 2010, a "Tour de _____" is planned. This bicycle and pedestrian fundraiser mimics the famed Tour de France. Students will ask residents and businesses to sponsor them either as a lump contribution or by number of laps completed. With the support of the police department, students will tour the neighborhood on a predetermined course.

Members of the PTA/PTO and other neighbors will help monitor the walking school buses and bicycle squads. Partnerships with local businesses and civic organizations will also help balance the need for the reoccurring costs for incentives and prizes. Each school also enjoys a partnership with various local businesses. For those schools that still need additional partnerships, NLCOG will help facilitate forming relationships with these businesses.

These key stakeholders will help enforce the rules on a daily basis and provide encouragement for the students to continue abiding by the pedestrian and bicycle rules and live a healthy lifestyle. As part of making this program as successful as possible, NLCOG asked each principal to sign a letter of commitment outlining the commitments NLCOG and the school make in relation to this program and each other as partners. Attached are the signed letters of commitment from each school.

- D – 1 Mr. Kent Rogers, Executive Director, Northwest Louisiana Council of Governments (MPO)
- D – 2 Mr. D. C. Machen, Bossier Parish Schools Superintendent
- D – 4 Ms. Ann Wommack, Principal, Bossier Elementary
- D – 5 Bossier Elementary Letter of Commitment
- D – 6 Mrs. Carolyn Moody, Principal, Plantation Park Elementary
- D – 7 Plantation Park Elementary Letter of Commitment

Attachment D

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- D – 5 Bossier Elementary Letter of Commitment
- D – 6 Mrs. Carolyn Moody, Principal, Plantation Park Elementary
- D – 7 Plantation Park Elementary Letter of Commitment



401 Market Street, Suite 460
Shreveport, Louisiana 71101
Phone: (318) 841-5950
Fax: (318) 841-5952
www.nlcog.org

February 25, 2010

Shalanda Cole, MBA
Safe Routes to School Program
Louisiana Department of Transportation and Development, Section 82
P.O. Box 94245
Baton Rouge, Louisiana 70804-9245

Re: NLCOG's Kids on the Move! (Safe Routes to School) Program

Dear Ms. Cole:

The Northwest Louisiana Council of Governments is pleased to support a program, Kids on the Move!, for two schools in Bossier Parish. Our application for funding under the Safe Routes to School Program will educate students, parents, neighbors and drivers about pedestrian and bicycle safety. Bossier Elementary and Plantation Park Elementary were chosen based on their proximity to residential neighborhoods, existing infrastructure, and the probability more children will be able to walk to school on a regular basis.

Kids On the Move! also seeks to encourage students and parents to move to school in various different ways other than traditional automobile. Through partnerships with local law enforcement and various city agencies, as well as community groups, valuable relationships will be built that will continue through to other projects. Evaluating the progress made and looking forward to future progress will occur through parent and teacher evaluations, as well as assessments for the students to gauge the retention of the skills learned.

A critical part of this education program is instilling a life-long desire for health, safety, and wellness. Because of the previous year's program, NLCOG identified needed safety improvements at four of the schools. Through Kids on the Move! NLCOG and the schools will be able to identify needed infrastructure improvements in and around the two new schools and foster a sense of pride for the school and neighborhood.

We request your full consideration for this program and to fund it to the maximum extent possible. If you should have additional questions concerning this project, please do not hesitate to contact me or Mrs. Lisa Frazier, Public Involvement Coordinator for NLCOG.

Sincerely,

A handwritten signature in black ink that reads "J. Kent Rogers". The signature is written in a cursive, flowing style.

J. Kent Rogers
Executive Director



BOSSIER PARISH SCHOOL BOARD

P.O. Box 2000
Benton, Louisiana 71006-2000
Telephone (318) 549-5000
FAX (318) 549-5044

D.C. Machen Jr.
Superintendent

Michael S. Mosura II
President

Dr. Jack E. Raley
P.O. Box 85
Haughton, LA 71037
District 1

February 23, 2010

Brad L. Bockhaus
111 Harvest Lane
Haughton, LA 71037
District 2

Dr. Allison O. Brigham
Vice-President
511 Lee Street
Benton, LA 71006
District 3

To Whom It May Concern:

Tammy A. Smith
183 Willow Bend Road
Benton, LA 71006
District 4

Please accept this letter of support to be included in the application for the Northwest Louisiana Council of Governments' Safe Routes to School 2010 Grant.

Michael S. Mosura II
President
6014 Jason Street
Bossier City, LA 71111
District 5

Two of our elementary schools—Bossier Elementary School and Plantation Park Elementary School—have committed to be participating schools in this endeavor. The principals of each of these schools have met with Ms. Liza Frazier of NLCOG for the purpose of discussing the program and their school's participation.

William C. Kostelka
309 Audubon Drive
Bossier City, LA 71111
District 6

We wholeheartedly support programs that will make our schools' communities more safe for our students.

J. W. Slack
2424 Douglas Drive
Bossier City, LA 71111
District 7

Sincerely,

Kenneth M. Wiggins
3201 Cloverdale Place
Bossier City, LA 71111
District 8

A handwritten signature in cursive script that reads "D.C. Machen, Jr.".

D. C. Machen, Jr.
Superintendent

Eddy Ray Presley
1816 Lee Street
Bossier City, LA 71112
District 9

DCM:bqs

Julian Darby
1130 Beverly Street
Bossier City, LA 71112
District 10

c: Ms. Wommack
Mrs. Moody

Lindell Webb
1830 Venus
Bossier City, LA 71112
District 11

Mack Knotts
5007 Kenilworth Drive
Bossier City, LA 71112
District 12



BOSSIER CITY ELEMENTARY SCHOOL



1000 Traffic Street

Bossier City LA 71111

Telephone (318) 549-6350

FAX (318) 549-6363

Ann Wommack
Principal

Treska Mitchell
Assistant Principal

"A Great Place Where Young People Learn Today and Lead Tomorrow"

February 26, 2010

NLCOG
401 Market Street, Suite 460
Shreveport, LA 71101

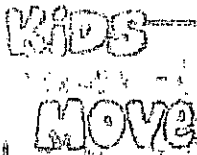
To Whom It May Concern:

Bossier Elementary School is pleased to participate in the Kids on the Move! Safe Routes to School Program. The components of this program will help us educate our student body on many elements of pedestrian and bicycle safety, while encouraging walking and bicycling to school.

The principles carried out through this program will improve the lives of our students and foster closer ties with the community at large. We are proud to be included in this most worthy project.

Sincerely,

Ann Wommack



Kids On the Move! Safe Routes to School Program Letter of Commitment

This letter confirms the agreement between Bossier Elementary School ("school") and the Northwest Louisiana Council of Governments (NLCOG) to participate in the Kids On the Move! Safe Routes to School Program ("KOTM"). Under this agreement, the school will participate in a bicycle and pedestrian safety education program along with encouragement and enforcement activities. The intent of this letter is to outline the responsibilities and expectations of NLCOG and the school as a participant.

The purpose of the KOTM program is to educate parents, students and neighbors about proper pedestrian and bicycle safety; to encourage students and parents to walk and bike to school regularly; to improve neighborhood health, safety and security through various outreach activities; and to partner with the neighbors, law enforcement and other entities to enforce current laws and ordinances to establish a more walkable and bikeable community. To accomplish this initiative, NLCOG has partnered with the Louisiana Department of Transportation and Development as a grant recipient to develop and implement the KOTM program that involves education, encouragement, enforcement, evaluation and engineering methods to successfully achieve this goal.

By agreeing to participate in this program, NLCOG agrees to provide the school the following:

- Education materials and curriculum
- Evaluation materials and data compilation
- Incentives for student encouragement
- Informational materials for neighbor and parent education
- Identification of infrastructure improvements
- Other items as identified and approved

Expectations of the school are as follows:

- Attend two training sessions conducted by NLCOG over a three to four month period
- Will check email on a regular basis and respond to deadlines as set by NLCOG
- All information requested will be sent to NLCOG in a timely manner
- Will implement the curriculum in the appropriate teaching period (i.e., Phys. ed., Social Studies, etc.)
- Participate in the Northwest Louisiana Walk to School Day on October 6, 2010 and weekly Walk to School days beginning in the second semester
- Will participate in at least two Neighborhood Open Houses during the program

If the terms above are agreeable to you, please sign and return one copy of this agreement.

Ann Wommack Principal
Signature Title

2-26-10
Date

Jerika Mitchell Asst. Principal
Signature Title

2-26-10
Date

BE AWARE ... TAKE CARE!

PLANTATION PARK ELEMENTARY SCHOOL

*Carolyn Moody – Principal
Rhonda Dysart Schnell – Asst. Principal*

*2410 Plantation Drive
Bossier City, La 71111
Phone (318) 549-5700
Fax (318) 549-5713*

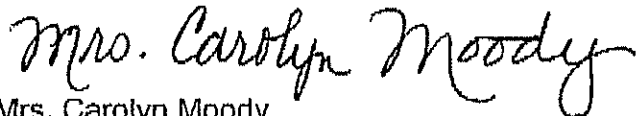
February 26, 2010

To whom it may concern:

Please accept this letter of support from myself, Principal Carolyn Moody, on behalf of Plantation Park Elementary School. The 2010 Safe Routes to School program, "Kids On the Move", is going to be a valuable asset to our children in reinforcing the importance of safety when walking or biking to and from school.

We are looking forward to participating in this program and making our school and community safer for our students.

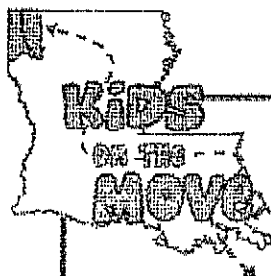
Sincerely,



Mrs. Carolyn Moody
Principal

Everyone can learn! Everyone will learn! Everyone must learn!

**BOSSIER PARISH SCHOOL SYSTEM
"An equal opportunity employment agency"**



Kids On the Move! Safe Routes to School Program Letter of Commitment

This letter confirms the agreement between Plantation Park Elementary School ("school") and the Northwest Louisiana Council of Governments (NLCOG) to participate in the Kids On the Move! Safe Routes to School Program ("KOTM"). Under this agreement, the school will participate in a bicycle and pedestrian safety education program along with encouragement and enforcement activities. The intent of this letter is to outline the responsibilities and expectations of NLCOG and the school as a participant.

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By agreeing to participate in this program, NLCOG agrees to provide the school the following:

- Education materials and curriculum
- Evaluation materials and data compilation
- Incentives for student encouragement
- Informational materials for neighbor and parent education
- Identification of infrastructure improvements
- Other items as identified and approved

Expectations of the school are as follows:

- Attend two training sessions conducted by NLCOG over a three to four month period
- Will check email on a regular basis and respond to deadlines as set by NLCOG
- All information requested will be sent to NLCOG in a timely manner
- Will implement the curriculum in the appropriate teaching period (i.e., Phys. ed., Social Studies, etc.)
- Participate in the Northwest Louisiana Walk to School Day on October 7, 2009 and weekly Walk to School days beginning in the second semester
- Will participate in at least four Neighborhood Open Houses during the program

If the terms above are agreeable to you, please sign and return one copy of this agreement.

Carolyn Moody Principal
Signature Title

February 25, 2010
Date

Signature

Title

Date

BE AWARE ... TAKE CARE!

Attachment E

Surveillance and Evaluation

At the beginning of the program, NLCOG will gather perceptions from parents, neighbors and faculty regarding walking and bicycling to school through the use of the walkability checklists. The school already provided the number of students currently walking or bicycling consistently and NLCOG will monitor, with the school's help, the adjustments to those numbers throughout the stages of the program. Prior to beginning the curriculum, teachers will survey their students regarding their mode of transportation to and from school using the In Class Travel Tally. Parents will also receive a survey to complete. Students who walk or ride their bicycles to school will be asked specific questions regarding their perception of safety and security. Educators will also provide suggestions for increasing the safety and security of the students on their walk to and from school.

Throughout the school year, evaluation will take place in the following ways:

- Assessments in the classroom before, during and/or after the lessons;
- Visual observation by teachers and other faculty during the mornings and afternoons;
- Periodic surveys sent to parents, caregivers and neighbors;
- Community meetings to answer questions and gauge responsiveness to the program;
- Identification of areas in need of improvement and/or other needed infrastructure; and
- Monitoring of data regarding the number of students who arrive/depart in cars, walk and ride bicycles to school on a consistent basis (more than three days per week).

NLCOG will provide the necessary resources to monitor traffic patterns (i.e. gathering traffic counts, analyzing the differences before implementation and after, etc.), gather and analyze the surveys. NLCOG will also plan and promote the monthly Neighborhood Open House public meetings and special events to gather public input. A joint effort between NLCOG and each school's administration is needed to identify areas of improvement needed within the infrastructure. After cataloging the needs, as a team we will prioritize improvements and seek additional funding from the Safe Routes to School program and other sources.

Attachment F

Project Cost

DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
Safety Patrol Orange Belt	10	Each	5.00	\$50.00
Safety Patrol Buttons for students & adults	10	Each	2.00	\$20.00
I'm Safe on Wheels & I'm Safe Walk with Me – DVD	2	Each	40.00	\$80.00
Walk 'n Roll Activity Book (3 rd – 5 th)	525	Each	1.50	\$787.50
I'm Safe Walk with Me Activity Book (Pre-K – 2 nd)	525	Each	1.50	\$787.50
Walk Smart / Bike Smart Safety CD-ROMs	120	Each	20.00	\$2,400.00
Kids On the Move! Teaching Kit	15	Each	900.00	\$13,500.00
Kids on the Move! T-shirts	1000	Each	6.00	\$6,000.00
Writing Journal	900	Each	2.50	\$2,250.00
Water Bottles	1000	Each	2.00	\$2,000.00
Jump Ropes	900	Each	1.75	\$1,575.00
Backpacks	900	Each	2.50	\$2,250.00
Field Trip (50 per school)	100	Each	7.50	\$750.00
Bus Driver Fee	4	Each	60.00	\$240.00
Bus Mileage Fee	4	Each	60.00	\$240.00
Grand prize (1 bike and helmet per grade)	14	Grade	100.00	\$1,400.00
Walk to School Day promotional items	2	Per	500.00	\$1,000.00
Printing and reproduction of flyers, newsletters, etc.	10,000	Per	0.20	\$2,000.00
Reproduction of curriculum (one per grade)	12	Per	50.00	\$600.00
Substitute Pay for SRTS teacher training	10	Per	60.00	\$600.00
"Super Volunteer" stipend	2	Per	1000.00	\$2,000.00
			\$40,530.00	

Attachment G

Bonus Section

Infrastructure Improvements and Prioritization

Within an almost three-week time period, three separate safety incidents occurred in Shreveport – Bossier City involving children. On January 28, 2009, a car struck a 14-year-old bicyclist on Interstate 20 in Bossier City. The girl was trying to cross the interstate and was critically injured. The driver could not avoid the cyclist. Ten days later, on February 8, 2009, two young girls were injured while crossing a busy Shreveport street. The children, ages 12 and 14, avoided life-threatening injuries, but suffered serious and moderate injuries. An incident highlighting parents' fears about the safety of children walking and biking to schools occurred on February 17, 2009. Two Bossier City boys encountered a stranger in their apartment complex. A stranger tried to lure one of the boys, a 7-year-old, into his truck. The other boy beat on the truck while telling his friend the man was a stranger. Both boys escaped and told their parents of the incident. Thankfully, no other incidents have been reported since these events.

These three incidents highlight the on-going need to educate children in Northwest Louisiana of pedestrian, bicycle and safety rules. Kids On the Move! will accomplish this goal at a steady pace as NLCOG implements the program in area schools. NLCOG's ultimate goal is to implement the pedestrian and bicycle safety program in every elementary and middle school in the Northwest Louisiana. This will allow children as young as 4-years-old to have the necessary foundation to be a safe walker and bicycle rider at all times. Kids On the Move! will not only encourage students, it will also empower and equip parents and teachers to teach children bicycle and pedestrian safety inside and outside of the school environment.

Other possible funding sources for on-going infrastructure improvements, as well as others that may be identified through the Kids on the Move! program, include the Bossier Parish School Board operations and maintenance budget; donations from the Bossier Parish Police Jury; the city of Bossier City maintenance budgets, local businesses and community organizations. In order to sustain the non-infrastructure components of this project into future years, each school's PTO/PTA will play an important role in this process. They will help secure funds for reoccurring costs, such as promotion items and incentives, through fundraisers. Members of the PTA/PTO and other neighbors will help monitor the walking school buses. These key stakeholders will help enforce the rules on a daily basis and provide encouragement for the students to continue abiding by the pedestrian and bicycle rules

and live a healthy lifestyle. Partnerships with local businesses and civic organizations will also help balance the need for the reoccurring costs for incentives and prizes.

Continuously exploring partnerships throughout the community is a goal NLCOG strives for at every opportunity. Through the Kids On the Move! program in previous years, NLCOG has had the opportunity to partner with the Caddo Parish Sheriff's Safety Town, Shreveport and Bossier City Police Departments, neighborhood organizations, various city offices, the Alliance for Education, the Bossier Parish Wellness Committee, as well as numerous other individuals and businesses. We expect to continue fostering these relationships through this program and building new ones.

Proposed Time Line

Date	Activity
First Semester (August to December 2010)	<ul style="list-style-type: none"> ▪ Prepare safety curriculum ▪ Train teachers with SRTS materials ▪ Purchase promotional materials ▪ Evaluate "walkability" of neighborhoods ▪ Evaluate current walking/bicycling trends ▪ Observe morning drop-off and afternoon pick-up procedures to identify changes that can be made to increase the safety of students walking and biking ▪ Begin the safety campaign school-wide and community-wide ▪ Plan the first neighborhood Open House. ▪ Hold the first neighborhood Open House to coincide with Walk to School Day (Oct. 6, 2010) ▪ Involve police officers in enforcement opportunities ▪ Purchase incentive items
Second Semester (January 2010 to May 2011)	<ul style="list-style-type: none"> ▪ Evaluate results of first semester "education" programs ▪ Issue apparel items ▪ Select and train students for the Safety Patrol program ▪ Hold the spring Northwest Louisiana Walk to School Day to kick-off the weekly walk and bike days ▪ Begin Safety Patrol program – Walking School Bus Monitors and Bicycle Squad Officers ▪ Observe morning drop-off and afternoon pick-up procedures to monitor changes made ▪ Begin travel logs program and encouragement program ▪ Involve police officers in enforcement opportunities ▪ Evaluate results of second semester "action" programs

In order to accomplish Kids on the Move! coordination and cooperation among each schools' teachers and faculty, parents, and neighbors is essential. NLCOG will help facilitate this coordination and will communicate effectively with each group. NLCOG will coordinate activities for the school as needed and will assume responsibility for the administrative, training and data gathering tasks. Building partnerships with the community leaders, community organizations, church groups, etc. will help NLCOG reach a much larger group of individuals. Not only will these group help disseminate the safety information; they will also be a source of a continuous relationship with the schools.

Lesson Plans by Subject Area

	Lesson Plan	Grade	Traffic Safety	Community Helpers	Environment / Air Quality	GIS / Mapping	Language / Writing	English / Research	Mathematics	Art / Computer Literacy	Lesson Synthesis
1	Car Smarts	K - 2	X	X							
2	Brighten Up!	K - 2	X	X						X	
3	Crossing to Safety	K - 2	X	X						X	
4	Use Your Head Before Your Feet	K - 2	X	X			X			X	
5	Sidewalk Safety	K - 2	X	X							
6	Sidewalk Safety Day	K - 2	X	X							X
7	All Aboard the School Bus	K - 2	X	X	X				X		
8	Be A Ler!	K - 2	X	X	X		X			X	
9	Now It's Up to You!	K - 2	X	X			X			X	X

Lesson Plans by Subject Area

	Lesson Plan	Grade	Traffic Safety	Community Helpers	Environment / Air Quality	GIS / Mapping	Language / Writing	English / Research	Mathematics	Art / Computer Literacy	Lesson Synthesis
1	What's an Environment?	3			X		X				
2	Good for You, Good for the Earth	3			X			X	X	X	
3	Another Way to Go	3			X	X		X	X		
4	Playing it Safe, Smart and Clean	3			X		X		X	X	
5	Healthy Travel for You and the Planet	3		X	X	X	X		X	X	
6	My Shoebox Community	3		X	X	X	X				X
7	Be A - Lert!	3			X	X	X	X			
8	Taking It to the Streets	3	X		X	X	X				
9	Now It's Up to You!	3					X	X		X	X

Lesson Plans by Subject Area

	Lesson Plan	Grade	Traffic Safety	Community Helpers	Environment / Air Quality	GIS / Mapping	Language / Writing	English / Research	Mathematics	Art / Computer Literacy	Lesson Synthesis
1	Another Way to Go	4			X	X		X	X	X	
2	Car Smarts	4	X	X		X	X			X	
3	Crossing to Safety	4				X	X	X	X	X	
4	Use Your Head Before Your Feet	4	X				X			X	
5	Is It Walkable?	4	X			X	X	X	X	X	
6	Be A Lert!	4	X		X	X	X		X	X	
7	Taking It to the Streets	4				X	X	X		X	
8	Ready ... Set ... Plan!	4	X		X	X	X	X	X	X	
9	Now It's Up to You!	4					X	X		X	X

Lesson Plans by Subject Area

	Lesson Plan	Grade	Traffic Safety	Community Helpers	Environment / Air Quality	GIS / Mapping	Language / Writing	English / Research	Mathematics	Art / Computer Literacy	Lesson Synthesis
1	Bike Safety, Fit & Protective Gear	5		X			X	X		X	
2	Bicycle Rules of the Road	5	X	X			X	X		X	
3	Pedal Power on the Road	5	X	X		X					
4	Complete Streets	5	X	X	X	X	X	X		X	X
5	Is It Bikeable?	5	X			X	X	X	X	X	
6	Be A Lert!	5	X		X	X	X		X	X	
7	Taking It to the Streets	5				X	X	X		X	
8	Ready ... Set ... Plan!	5	X		X	X	X	X	X	X	
9	Now It's Up to You!	5					X	X		X	X